

Attorney Docket No. 3552 P 002
Title: A&M FOR DETECTING ABNORMALITIES
IN BODILY MATTER

Page 5

IN THE ABSTRACT:

Please delete the existing Abstract and insert the following:

ABSTRACT

An electrical impedance tomography apparatus and method adapted to detect abnormalities, such as breast carcinomas, is disclosed. The method includes generating electrical signals at a plurality of frequencies, applying the electrical signals to the bodily matter using an electrode arrangement, detecting electrical impedance properties of the bodily matter and, using data processing means, correlating the electrical impedance properties with the presence or absence of abnormalities in the bodily matter using a fractal model of tissue impedance.

No new matter is being added through these amendments. Applicant respectfully requested entry of the above amendments.

Respectfully submitted,

Date: February 27, 2001

By: Monique A. Morneau
Monique A. Morneau Reg. No. 37,893
WALLENSTEIN & WAGNER, LTD.
311 South Wacker Drive - 5300
Chicago, IL 60606
1-312-554-3300

smf 117013

Express Mail Label No. EL590261031US

Date of Deposit: February 27, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to:
COMMISSIONER FOR PATENTS, Washington, D.C. 20231
(ATTN: BOX PATENT APPLICATIONS/WITH FEE).

Susan Franklin